

Dorms Choose Committeemen For Next Year

Nominate Three For Chairman; New, Old Boards Plan Dinner

At a meeting of the Dormitory Committee held last night in Ware, three Juniors were nominated for the position of Chairman of the governing body. Nominated were Henry M. Tiedemann, Robert J. Schaefer, and Bernard Brindis. The election of one of these men to the important position will take place later this week.

Seven members were selected to control the various committees which function in the dormitories. Those elected are: Gregory C. Gargarin, '43, Dance Chairman; Gregory J. Azarian, '43, Athletic Chairman; Raymond F. Frankel, Jr., '43, Frosh Chairman; John B. Mackenzie, '43, Social Chairman; Henry M. Tiedemann, '43, Burton Room; Bernard S. Brindis, '43, Information Chairman; Eugene A. Schnell, '44, Dinner Chairman.

The new and the retiring boards will meet for dinner at the Parker House next Monday night. The remainder of the members chosen are: Senior House, James A. Malloch, Jr., S. Richard Childerhose, Robert J. Schaefer, William J. Cochran, Harry Ottinger, Jr., and George C. Marakas.

John R. Taft, Bemis; Kenneth M. Rehler, Goodale; Louis W. Maxson, Walcott; Robert A. Cummings, Wood; Andres A. Freitas, Hayden; Joseph L. Kaufman, Munroe, all from the Class of 1944. Robert B. Meny, '44, and Kjeld Damsgaard, '44, were chosen members-at-large.

Voss Announces New Building Option

Housing And Light Construction Offered

The establishment of an option dealing with Housing and Light Construction in the Department of Building Engineering and Construction was announced by Professor Walter C. Voss, head of this department.

The importance of this field, which has generally been ignored by architects, engineers and more progressive builders, looms large in the defense efforts. Defense housing is being scattered over the entire country and much of it is being designed and built without consideration of the social and economic effects which it may exert when peace returns. This means wasted materials and effort. The dislocations which this war will bring are sure to stagger many communities.

As 60 per cent of our usual normal construction volume is in housing and many more families would live in privately owned homes if they could afford it, the construction industry could well become the spark plug of recovery.

The research which is planned will run parallel with this training, may make some progress in cost reduction, demountability and salvage value. If all of these were present realities we would still be unable to profit from them unless those who manage these affairs are broadly trained to solve them. It is for this reason that the Light Construction option of the course in Building Engineering and Construction will pay particular attention to the economic and business aspects of housing. Both options are identical until the beginning of the third year when the Heavy Construction option continues as heretofore and the Light Construction option provides the training described.

Dr. Hauser Outlines Program To Relieve Rubber Shortage

Pearl Harbor and the disastrous events that followed have forcefully brought home to the American Public the vital part played in our social and economic structure by rubber, one of our most essential imported raw materials. Doctor Ernst A. Hauser, Technology's eminent authority on rubber and colloid chemistry, and Professor in the Department of Chemical Engineering, gave a clear and concise picture of the critical state of the rubber situation in the United States today, and the great part Technology has played in the development work on synthetic and other rubbers, in an exclusive interview to The Tech.

Decrying the lack of foresight and imagination hitherto exercised in the handling of the situation, Doctor Hauser ascribed the present plight of the rubber industry to a

policy of complacency and an attitude of "it can't happen to us." It did happen . . . and to us.

Crude Rubber Stocks Are Small

Doctor Hauser estimates that the stocks of crude rubber on hand in this country at the beginning of the present year were not more than 600,000 tons. Loss of Singapore and the Dutch East Indies has for the time being eliminated all further imports of this precious commodity from the Far East, which in normal times supplied about 98% of the world's rubber consumption. Even when the Japanese have been driven from Malaya and the Dutch Indies, the chances are that the rubber plantations will have been seriously damaged through a "scorched earth" policy on both sides, and supplies from this source may not be expected for many years after the war.

Normal civilian rubber consumption in the U. S. is close to 600,000 tons per year. But when three days after Pearl Harbor the government clamped down on civilian tire consumption and instituted a drastic program to limit the use of rubber to the barest essentials, this was more than outweighed by a gigantic need of rubber on the part of the army, the navy and the air corps. Armies roll on rubber, planes and ships need vital rubber parts. It is rubber that makes modern blitzkrieg possible.

War-Time Consumption

"The amount of rubber consumed in the U. S. in 1941 was well over 700,000 tons, and I do not believe

(Continued on Page 2)

Official Notice

All freshmen should attend the placement lectures which will be given in Room 10-250 at 3:00 P.M., Thursday, April 2.

Professor Harold L. Hazen, head of the department of Electrical Engineering, has announced that because of the great pressure of work of immediate significance in the war, the Honors Groups in the department of Electrical Engineering will be discontinued for the duration of the war.

Camp Technology Will Place Emphasis On Surveying For Military Purposes

Even Camp Technology, summer haven for many civil engineers and their colleagues, the building and construction men, Course I men, is feeling the pressure of the times. On 1,000 acres of rolling, wooded, lake-studded Maine land, Institute students this summer will peer through transits with an eye toward carrying out their assigned problems. This year, however, the problems will have a military flavor, for a knowledge of surveying is considered to be of such importance for men entering any of the military services that arrangements have been made to open the surveying program at Camp Technology to a limited number of undergraduates other than those regularly attending.

Many military challenges, such as the establishment of artillery ranges, mapping, military sketching, orientation, the astronomical determination of direction, and ariel photography depend for their solution upon a knowledge of surveying. Yet, while greater emphasis is placed upon cooperation with the Army in this field, the summer training program still remains essentially a civilian course, with military problems replacing many of the standard problems.

A limited number of men having finished one year's work at the Institute will be eligible to apply to

Professor Schell Made Member Of Tau Beta Pi At Ceremony Last Night

HONORARY MEMBER



Professor Erwin H. Schell

Marriage Lecture Scheduled Today By Prof. Magoun

Failures In Marriage May Be Due To Ignorance In Final Homemaking

The third of the Spring series of T.C.A. sponsored marriage lectures is to be given at 4:00 P.M. and again at 5:00 P.M. this afternoon in Room 10-250. The subject of this afternoon's talk will be "The Job of Making a Home."

"Many failures in marriage are caused by the partners' unpreparedness to do an intelligent job of home-making together. Such a project must be undertaken by husband and wife together." So said Professor F. Alexander Magoun last evening. The Professor further stated that love making need not cease after marriage, and the novelty of courtship should never be allowed to die out."

Guest Initiates Made Members By Institute Chapter

Initiated at the Tau Beta Pi banquet last night at the Hotel Sheraton, Professor Erwin H. Schell, head of the department of Business and Engineering Administration became an honorary member of the national honorary engineering fraternity.

At the same time, two other honorary members were initiated for chapters at other schools. Mr. William J. King officially became a member of the chapter at Tulane while Mr. James A. Powell was taken into the chapter at North Carolina State. These men were initiated by the Technology chapter because their work in the vicinity of Boston made it impossible for them to attend their own chapter initiations.

The address of the evening was made by Professor Douglass V. Brown of the department of Economics who related some of his experiences while a member of the Harriman Commission to Russia which investigated lend-lease problems. Professor Brown returned to the Institute several months ago after over a year and a half in government service.

Ten Juniors and two Seniors were initiated into the fraternity at the annual spring ceremony. They are Donald C. Berkey and Robert I. Jacobson, Seniors, who had been on cooperative courses during the last initiation, and Carleton F. Bryant, Jr., William J. Cochran, John R. Foley, Robert W.

(Continued on Page 4)

Karl Wenk Chosen '42 Class Agent

Will Help Increase Alumni Fund Donations

Karl E. Wenk, Jr., '42, Chairman of the Budget Committee, has been appointed 1942 Class Agent for the Alumni Fund, according to an announcement made yesterday by the Fund Office. In this capacity Wenk will be in charge of the class organization for the solicitation of Seniors, graduate students, and former students who are affiliated with '42. He follows in the footsteps of William J. Folberth, Jr., '41, who likewise serves as Agent for his class.

The Fund was established two years ago by the Alumni Association for the purpose of adding each year to the Institute's capital resources. With each contribution of \$3.00 or more goes a year's subscription to The Technology Review.

Prospects Good

Asked about the prospects for this year, Wenk stated that in his opinion the Class of 1942 ought to turn in a record amount. "Consider what 1940 and 1941 did during their first years as alumni," he said. "243 men in the Class of 1940 gave over \$1,000; last year 208 members of 1941 gave \$1,214. Our class is graduating at a time when we can expect to draw higher salaries than those two classes could at the time of their graduation."

"Then too we're going to be scattered throughout the world shortly, and the only way we'll be able to keep track of each other is through our Class Notes in The Technology Review. Fred Baumann will have his hands full, but I know that he and his assistants will turn out a good job."

Technique Sales To Show Picture Of Great Court

The frontispiece of the 1942 Technique which is to be a Kodachrome picture of the great court will be exhibited for the first time in the sales booth which can be found in Building 10 on Thursday and Friday of this week. Also at this time the new Technique will be on sale at five dollars per copy. It is also requested that holders of options for the year book pay them up as soon as possible.

The

Tech

Vol. LXII

Tuesday, March 31, 1942

No. 15

Managing Board

General Manager

Editor

Managing Editor

Business Manager

"Vu" Editor-in-Chief

John F. Tyrrell, '43

Harry Ottinger, Jr. '43

Robert P. Richmond, '43

A. Donald Moll, '43

Stewart Rowe, '43

Associate Board

Assistant Editors

Business Associates

Editorial Board

Robert S. Chang, '44

Frederick D. DeBell, '44

Leonard Harris, '44

Robert Isaacs, '44

Lamar Field, '44

James E. Gallivan, '44

Burton S. Angell, '43

Ira G. Cruckshank, '43

Waldo F. Davis, '43

Warren E. Foster, '43

Orvis B. Hartman, '43

Arthur F. Peterson, '44

Bernard Rabinowitz, '44

Paul M. Robinson, '44

Gene Schnell, '44

Norman T. Knapp, '44

Arnold Mackintosh, '44

Robert I. Kraus, '42

Carthrae M. Laffoon, '42

William E. Loudon, '43

George C. Markas, '43

Robert W. Maxwell, '43

Gardner H. Sloan, '44

Paul Talalay, '44

John T. Toland, '44

Martin E. Wunsch, '44

Mortimer W. Meyer, '44

Harry W. Turner, '44

Walter C. McCarthy, '43

John W. McDonough, '43

Robert B. Rumsey, '43

Robert J. Schaefer, '43

Offices of The Tech

News and Editorial—Room 3,
Walker Memorial, Cambridge, Mass.
Telephone KIRKland 1882

Business—Room 301, Walker
Telephone KIRKland 1881

SUBSCRIPTION, \$1.50 Per Year

Published every Tuesday and Friday during College Year,
except during College vacation.

Entered as Second Class Matter at the Boston Post Office

Associated Collegiate Press

Distributor of

Collegiate Digest

Represented for National Advertising by

National Advertising Service, Inc.

College Publishers Representative

420 MADISON AVE. NEW YORK, N. Y.

CHICAGO • BOSTON • LOS ANGELES • SAN FRANCISCO

Night Editor: Bruce Fabens, '45.

Freshmen, even Tech freshmen, will be irrepressible, although the English Department thinks they're just plain lazy. One playful member of the Class of 1945 was recently assigned to grind out 1000 words on that thrilling topic, "Is Russia the Land of the Future?" Being unable to find a Sophomore who had ever covered that particular topic, friend freshman proceeded to rack his brain, and finally came up with an idea. As a result, one professor of English received a theme entitled, "Is Russia the Land of the Future," and underneath, the words, "No, no, a thousand times no!" It is assumed that his mark on the theme began with an F, and ended with another.

(Continued on Page 4)

"Natural and Synthetic Rubber Must Solve Shortage"—Hauser

(Continued from Page 1)

that even with the most stringent restrictions it will be possible to reduce our wartime needs for rubber to less than 600,000 tons per year," Doctor Hauser stated. "Bluntly, I can't see how the rubber on hand can last much beyond the end of the present year," he added.

Discussing the tremendous synthetic rubber program which has been projected, Doctor Hauser feels that production figures have been greatly overestimated. Shortages of the auxiliary raw materials required in the manufacture of Butadiene copolymer synthetic rubber, such as styrene and acrylonitrile will be the chief bottleneck. "Under these circumstances.

Moreover, it must be realized that up to the present no true synthetic rubber has been produced. Synthetics have not the universal ap-

plication nor the processing ease of the natural product. "I am a chemist, keenly interested in synthetics, but from the point of view of a nation's economy, I still think that nature does a better job," Dr. Hauser stated. He therefore urges scientists on the one hand to redouble their efforts in the perfection of existing synthetics and in the search of a true synthetic, and on the other the production of natural rubber in the Western hemisphere.

Home-Grown Rubber

Guayule rubber shrubs have recently gained much publicity. Native to the highlands of Mexico, the plant is capable of thriving well in climatic conditions of the Southwest United States. Testing work at the Institute on the properties of Guayule have proved to Doctor Hauser that a good quality rubber compound can be prepared from Guayule. Doctor Hauser has been vigorously advocating the large scale plantation of Guayule for some time (see The Tech May 27,

Technology Today

(Editor's note: This is the first in a series of articles, designed to show the progress of Technology from its inception in 1861 to the present day. Enrollment is the first subject to be considered, and future articles will deal with such phases of "Technology Today" as development of courses, buildings, instructing staff, activities, athletics, and exhibits. We are especially indebted to Mr. Horace S. Ford, Treasurer of the Institute, for his help in gathering information for these articles.)

Enrollment at Technology grew steadily from a mere 72 students in 1865 to a peak in the prosperity year of 1920, when a total of 3,436 students, both graduates and undergraduates were in attendance. It is interesting that the number of coeds at the Institute follows no such steady trend. There were 44 women students attending in 1900, by 1910 this number had fallen to ten, while this year the coed population has reached an all-time high of 59. Naturally enough, enrollment of women students grows rapidly during war years, when more members of the weaker sex come to realize the great opportunities which are open to them in the fields of science and engineering.

Miss Ellen Swallow of the Class of 1873 was the first woman to graduate from the Institute. She was also the first woman instructor at Technology, teaching in the Department of Chemistry, and later she married Professor Richards. Miss Swallow gained fame as a pioneer in sanitary engineering,

and wrote several books on that subject.

The greatest change in Technology's residential groups was brought about by the opening of the dormitories, which also effected a great increase in total enrollment. In 1916, before the dorms were in use, there were 800 students living at home; at the present time, there are only 650 commuters, but the discrepancy is more than compensated for by the thousand men who now live in dormitories.

The average age of Technology students is only four months younger this year than it was in 1900, although anyone who has seen the year-book pictures of Tech men at the turn of the century will find this hard to believe. At that time, mustaches were far more popular than they are now, and said misplaced eyebrows apparently added years to their owners' ages. In 1920, the average age of the Institute's students was at a maximum; this increase was apparently due to the fact that many men whose education had been interrupted by the war had returned to finish their courses.

Geographical distribution of students has changed considerably in the past forty years. The major classifications and their percentages are shown in tabular form:

	1900	1941
Massachusetts	60%	30%
Other New England		
States	10%	10%
Other United States	26%	53%
Foreign	4%	7%

For Boys To Play

By Gene Schnell

... the old story of March coming in like a lion and going out like a lamb was again proved false as good old New England weather added to the woes of those Tech I. F. C. weekenders who wouldn't have been interested in Monday nine o'clocks anyway. Bringing to mind the "Battle of Music" at the Statler last Friday night, your columnist would like to report that varied opinions seem to indicate a draw with "more danceable" describing Marshard's music, and "better musical numbers" characterizing Donahue's swing.

... Saturday night parties carried on festivities with a faster tempo, doubtless because of the universal informality that reigned. Success of the Sigma Nu Alpha Tau Omega combined party at the Commonwealth Country Club was shown by the large number of funsters that crowded the clubhouse; while the novel addition of a buffet dinner added to the fun at the Pi Lambda Phi record dance that went off in great style.

... both barn dances drew large quotas of happy farmers. High-point of the Phi Beta Epsilon brawl

was a surprise ending to a bit of musical oratory rendered by member of Course III, followed by a polka from which some, no doubt, haven't recovered as yet. Amusing reports of the Deltas, who continued their dance at Chi Phi, after hours, with two kegs spirited up from North Stoughton have reached your columnist's ears. The boys from 22 The Fenway are still airing the premises, so we hear.

... great attraction at the 5:15 all-Tech carnival was a novel arrangement that tested the ability of potential dive-bombers. Results seem to show that the fair sex were better at getting their objectives. Hearing many favorable comments concerning the Kappa Sig party we are especially interested in the reason behind the great attraction that the barroom seemed to hold, even in the face of some good music supplied by Jack Sardi.

... for lovers of solid downbeat, the Savoy is definitely a must. Frankie Newton rules the band stand with six hepcats that make with the jive. "No cover or minimum charge" completes the column's best bet for swing entertainment.

VOLUNTARY PHYSICAL TRAINING

The paunchy stomachs of Technology men have been protruding from tightened belts, their half-closed eyes have been glazed and bloodshot, and their tired feet have been dragged across the campus ever since the most difficult scholastic schedule in the country was adopted by the newly-founded Massachusetts Institute of Technology many long years ago. But lately these outward signs of physical inactivity have become particularly noticeable.

This can undoubtedly be accounted for by the fact that many of the Institute's athletic facilities have been either permanently or temporarily put out of commission by the Institute's war efforts and that the physical condition of the majority of the students has consequently deteriorated to a new low. Compulsory physical training for freshmen had to be discontinued when students were denied the use of Walker Gymnasium a few months ago. All athletic events and practice sessions on Briggs Field had to be cancelled. And finally the Hangar Gym was condemned to destruction to make way for more urgent war activities.

Today, however, the Walker Gymnasium has been returned to the Institute and is now available for physical conditioning of students. Henry P. McCarthy, Director of Physical Training, has announced that special classes will be arranged to meet the time and needs of the students who wish to participate. The first of these classes is to be held tomorrow at 4:00 P.M. and will consist of exercises and games which aid in physical development.

That this training will be valuable to the Technology student is evident in many ways. Statistics show that men participating in athletics make better grades than the non-athletes. In 1940, the sportsmens' rating was 3.67 while the general undergraduate average was 3.31. The athletes chalked up another 3.67 in 1941 while the entire undergraduate body was getting a 3.35. At the same time, the student who endeavors to improve his physical well-being will be doing his little part towards the improvement of the nation's general physical condition.

STRAIGHT T FOR JUNIORS

Next year the Class of 1943 will graduate in February, so that its members will be unable to participate in their fourth and last season of spring sports. That means that those athletes who would usually have an opportunity to earn a straight T during the spring of their Senior year will be deprived of that opportunity. Consequently, the present spring season will afford the Junior athlete his last chance to get the cherished straight T. With the present system as it is, the Junior participating in a spring sport, who would be deserving of a straight T in his Senior year, may very easily be overlooked at the end of this season simply because he is a Junior.

We suggest, therefore, that the coaches, who make the recommendations, and the Advisory Council on Athletics, which makes the final awards, bear in mind that Juniors in spring sports have their last opportunity to earn a straight T this season and that they seriously consider these Juniors for the award.

RUBBER EXPERT

Professor Ernst A. Hauser

1941) and has been exhibiting samples of home-grown Guayule rubber in a showcase in the main lobby of Building 10. Recently a Bill was passed in Congress, and the Department of Agriculture has undertaken a planting project, so far on an extremely small scale to ascertain in what districts hybrid guayule will grow,—mainly in California, New Mexico and Arizona.

Lack of Scrap Is Serious

Rubber reclaim which is at present being extensively used in the rubber industry wherever possible is facing the critical situation where its largest supply source—old automobile tires—are no longer being sold for scrap. Doctor Hauser advocates the organization by the government of an energetic campaign for the collection of all rubber scrap. He also believes that further research is necessary in our reclaiming methods and in our methods of compounding reclaim rubber. This field has also not been neglected by him, and he is at present engaged upon successful work to improve the tensile and abrasion properties of reclaim rubber compounds. One of the Doctor's more notable farsighted achievements is the development by him and Doctor Desiree S. LeBeau, research associate at the Institute, of a method by which it is possible to reclaim any type of synthetic rubber, when sufficient quantities of such will become available.

In order to avoid a paralyzing bottleneck in our war industries, caused by a shortage of rubber, Doctor Hauser urges that all possible sources of synthetic and natural rubber should be exploited as rapidly as possible, with a view to the consideration as to what rubber can be made available and when. "No single method of producing or source of natural rubber will solve our problem, but only a concentrated effort to utilize all possible sources, small and large, natural and synthetic, will enable us to survive the crisis," Professor Hauser concluded.

Acrobats Beaten In Close Match By Springfield

33-21 Is Score Of The Final Meet Of Gym Season

The Technology Gym team, one of the hardest hit of all athletics activities by the disruptions of the defense effort, had a very creditable meet with Springfield College on Saturday, March 28.

The team, which has had enforced idleness imposed on it since last fall, lost to its opponent by the close score of 33-21. The meet was bitterly fought, but Springfield had a definite edge on our acrobats. We took three firsts, George Anderson on the sidehorse, Co-captain Heinie Shaw in the tumbling division and Henry Bourne in the rope climb topping the list. Henry Bourne was second on the rings, with Bob Maxwell on his heels. Fred Stearns was third in the rope climb.

The Springfield team was composed of excellently built men, according to Emilio Touche, co-captain of the Beavers. This meet ends the abbreviated schedule of what was a potential "big-winner," the other meet having been early in the season with McGill University. At Montreal Technology edged out McGill 46-44.

Many men entered the New England Athletic Union Gym meet held in the Walker Gymnasium at the same time. At this meet men compete as individuals, and many Technology men were entered. Ray Keyes, '40, came back to take firsts in the rings and sidehorse. Among the undergraduates, Anderson took second, Heinie Shaw third in tumbling. In the Novice sidehorse competition Davidson, '45, won, followed by J. Angell, 2nd, and S. Dickenson, 3rd. In the Novice Parallel bar division, Al Shelby beat all competitors, followed by Bourne and Gall. In the Novice tumbling Verner took third.

Springfield men placed high in many events proving definitely superior in high bar and tumbling. The outstanding man of the meet was also a Springfield man, Etheridge, who turned in a superlative performance on the tumbling mat. The team will hold its annual banquet on April 8, when the future program will be discussed.

Varsity Crew Rows 1 3/4 Mile in 9.50

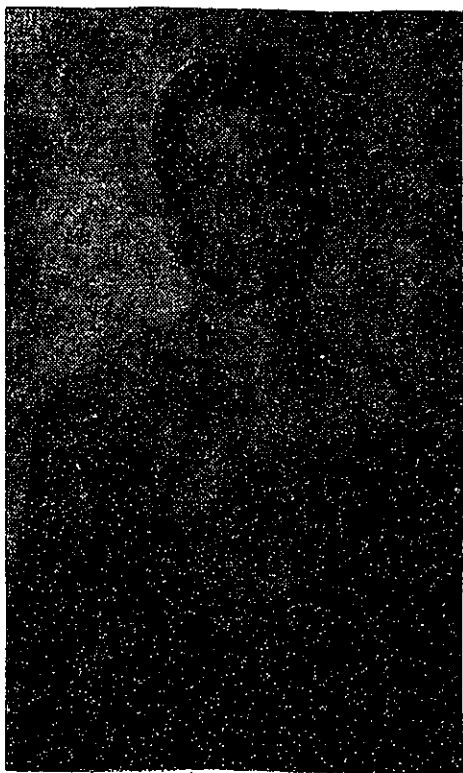
Freshmen Set 10.8 For Same Course

Slipping over smooth water, then cutting through rough water, the varsity crew yesterday afternoon set a time of 9.50 for the mile and three-quarter course from the boat house down to the Boston end of Longfellow Bridge. Following in close strokes, the freshman talled with a time of 10.8 for the same course. These are the first time trials set for this season, for which all crews have been rowing since the last of February.

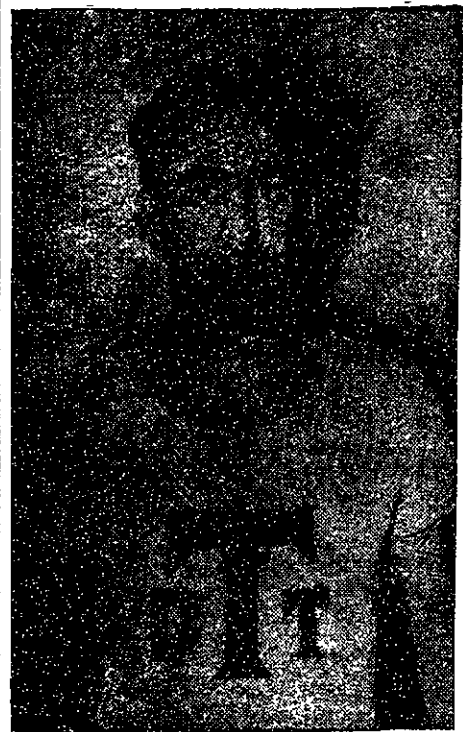
Setting the stroke for the varsity is DeLeo, followed by No. 7 man Flowers; No. 6, McGuire; No. 5, Tyberghein; No. 4, Lehman; No. 3, Bakker; No. 2, Heller; No. 1, Malloch. The coxswain was Laird. This varsity crew is light, but the heavier crew, in the second boat, are not as fast. The high stroke work will begin shortly.

Class presidents sometimes have more in common. When Langdon Flowers was president of the freshman class last year, he showed promise on the freshman crew, and

Co-Captains Of Gym



Heinie Shaw, co-captain of the varsity gym team, who recently took first place in the tumbling event at the combination Springfield and N.E.A.A.U. meet.



Emilio Touche, co-captain of the gym team, and a sidehorse expert.

Shore School Starts Today At Pavilion

Spring shore school will commence today at the Nautical Association Pavilion according to Kenneth L. Warden, '43, Commodore. The first school of the year will get under way at about 5:00 P.M., and this year will see the emphasis placed on sailing itself. The course will be considerably shorter this year because splicing must be eliminated as a result of the rope shortage.

The school is open to all students and members of the staff who care to learn the art of sailing. It would be greatly appreciated if some of the members who hold the rank of helmsman would report and help get the new members out onto the water. There will also be a school for the Technology Dames at 10:00 A.M. on Wednesday's. There are some excellent sailors among this group according to the Commodore but there is an urgent need for helping them get started.

is now doing well on the varsity. Johnny Burke, this era's frosh prexy, is heading the same way, while the varsity looks gingerly at his showing.

The Junior-Varsity crew has Thiede setting the stroke, and the following men in order: No. 7, Spitz; No. 6, Soderberg; No. 5, Bowen; No. 4, Taft; No. 3, Wald; No. 2, Leader, while the bow man was DeBell. Coxswain was Clauson.

THE GRILL DINER
435 MAIN STREET
Good Food and Homebaked Pastry
At Reasonable Prices
MEAL TICKETS FOR
TECH STUDENTS

Beaver Feats

BY GARD SLOAN

Hedlund Continues Competition In Spite Of P. T. Suspension

With nothing like it on any other educational institution, freshman P. T. competition enters its thirteenth season this year in spite of the fact that physical training is no longer required of freshmen.

In the summer of 1929 Oscar Hedlund sat down and thought through the system of competition which he put into effect the next winter. The first try was very successful and the competition has continued ever since.

Based on Pentathalon

The P. T. competition is based fundamentally on the A. A. U. pentathalon, in which scores in five events are counted toward the total score of each man. In the arrangement devised by Oscar each entry must compete in seven of the following eight events: high jump, shot put, broad jump, 60-yard low hurdles, 50-yard dash, quarter, half, and one mile.

The scoring is based on the freshman P. T. competition records. If a man equals the record, he receives 100 points. If he exceeds it or falls short of it, he receives more or less points according to the difference.

Three Medals Awarded

The freshmen taking first, second, and third places are given gold, silver, and bronze medals respectively. Oscar has put much time on the competition. He has complete records of the achievement for the thirteen years of its existence.

He has even gone so far as to have graphs drawn which show the best marks for each year. These graphs show the rise and fall of track talent as it has come to Tech.

Gives All-Round Development

The advantages of freshman P. T. competition are many. It gives all-round development. Bob Bowie and Oscar Hedlund can tell by the results for which events their men are fitted. Best of all it breaks the monotony and the men retain an interest in track.

When the P. T. requirement was repealed in December, Oscar called together all the freshmen and inspired them to keep on coming out. Today forty to fifty fellows are entered and freshman P. T. competition continues in spite of war restrictions.

Golfers Will Meet Indians In First Game On April 11

Starting their season with a game with Dartmouth, the Tech Golf team will play four matches in April and several more in May it was announced recently. Instead of a visit from Dartmouth, the M.I.T. quartet will go to Hanover to meet the Indians on their home-ground on April 11.

On April 16, the team will face B.U., and then will meet Brown on the next day. Harvard will follow on the 30th of April. In May, the team will enter the N. E. Intercollegiate, then meet W.P.I., and Yale, finishing the last of the month.

READ & WHITE
MEN'S and
WOMEN'S
**FORMAL
CLOTHES**
RENTED
FOR ALL OCCASIONS
"QUALITY ALWAYS"
111 SUMMER STREET, BOSTON, MASS.
LIBERTY 7930-7931
Open Wednesday Evening Until 9 P.M.

Miller Gets Technique Trophy At Winter Track Banquet

At one of the most successful of the winter track banquets, sixty-five tracksters saw the Technique cup awarded to Robert A. Miller, '43, as a tribute to his high score in last season's matches. George N. Ziegler, '44, was the recipient of the Leon S. Thorsen Trophy, given annually to the freshman, of the previous season's team who shows the most improvement.

The principal speaker at the meeting held in the Walker Dining Hall was Eugene P. Carver, recently elected selectman of the town of Brookline and a well-known track official. Mr. Carver spoke on the necessity of sports during the present emergency, stressing the need of strong men in all of the services today. He was introduced by Bob McBride, president of the Technology Track Club, who acted

as toastmaster. Other speakers included Bob Bowie, field coach, and "Doc" Johnson, trainer.

The trophies which were awarded last night are given annually to outstanding trackmen. The Technique cup, a large silver vessel approximately a foot in diameter, was a complete surprise to its winner, when it was announced that he had won. The cup is sponsored by Technique, the school yearbook, and the winner's name is engraved thereon.

The Leon S. Thorsen Trophy was established last year by Mr. Thorsen, who was captain of the cross country team in 1928. His request stipulates that the cup be won not by the best freshman athlete, but by the one who, by real work, can improve himself to such a point that he is successful in the matches.

18 Fraternities And All Dorms To Play Softball

All the dormitories and eighteen of the fraternities have signed themselves to a process of elimination on that babe of baseball, softball. Opening next Saturday, announced Sid Atlas, '43, the games will be run off two a week, on Saturday and Sunday, until graduation of the Seniors. This is to permit as much opportunity as possible for the Seniors to get their whacks in before Senior Week. Easter Sunday, however, will be excluded.

Until it is possible to use the Fenway Ball Park, it will be necessary to use the grounds between Building 2 and Walker Memorial. These will be appropriately lined and arranged for the tournament. In case any question arises as to the tournament, Sid Atlas can be reached at Com. 4238.

Swimming Talks Offered to Students

Coach Jarosh To Start Series Of Four Thursday

The first of a lecture series on the elements of swimming is to be given at 5:15 P.M. Thursday at the Alumni Pool, John J. Jarosh, swimming coach announced last night.

These lectures are not intended to teach swimming, but are to be given as an outline of methods of approaching learning how to swim in order that those attending them will be able in turn, to teach themselves. The series will be open to all male students and staff members. All men interested in the lectures may appear either on the pool floor or in the gallery of the natatorium.

The first lecture on Thursday will discuss "Learning How To Swim". On the following Tuesday afternoon from 5:15 P.M. to 6:00 P.M. "The crawl stroke" will be illustrated; on Thursday afternoon,

Tech Rifle Team Gets Third Place In R.O.T.C. Meet

Second Squad Takes Fifth Place, Competing For Hearst Trophy

Competing for the William Randolph Hearst Trophy, the M.I.T. rifle team placed its first team in third place and its second team in fifth place. Vermont arrived at the first position with 928 for the total four position, leading Technology with 902 points.

The competition was the National R.O.T.C. match for the first corps area, comprising 18 teams. The four positions allowing a possible 200 points each, were prone, off-hand, kneeling, and sitting. Each member of the first team will receive a third place medal.

The third highest individual honor was captured by Jim Harker, with 190. Dundon, on the second team leaped his bounds to follow Harker only one point behind. The other members of the first team were Terry, Weisenthal, Gannon, and Shoffner. The second team was made up of Dundon, Corwin, Woodworth, Wood, and Cantor.

The freshmen last night took an easy match from the Junior varsity team, with a score of 1275 to the low 1193 of their competitors. The J.V. squad numbered only four members, so that one of the frosh had to shoot for them.

Possibly the frosh have too great an incentive, for they have to forfeit a nickel for each miss. However, they didn't have to pay much last night.

The winners were Rosar, with the high score of 274, Ilfield, Ericson, Wilson, and Burmaster. Corwin was high for the J.V. with 270. The rest of his team was: Haas Wood and Scott.

1941 STUDEBAKER CHAMPION
2-door sedan, good tires
only 16,000 miles
private owner, called to active duty
with Army.
TEL WAL. 0941-R

FORMAL WEAR
DRESS SHIRTS BY ARROW
STUDS 50c SET UP FORMAL WEAR ACCESSORIES 50c SET UP LINKS SILK HOSIERY
DRESS TIES
White or Black, Pointer or Square Ends
TECHNOLOGY STORE
DIVIDEND TO MEMBERS

Debators Meet B.U. Today

Ulmer Takes Second In Pan-American Talks

Technology varsity debaters will meet B. U. this afternoon at 5:15 on the subject: "Resolved: That the federal government should be given the power to regulate labor unions." The Institute will be represented by Lee Hanower, '45, and John J. Rueckert, '45.

During the past few days, the Debating Society has had two freshmen and one squad debate. Charles M. Wiswell and Robert P. Auty, '45, dropped the only decision debate of the group to a squad from R. P. I. In the freshmen debates, John W. Colton and Lee Hanower, and Robert C. Jahn and William M. C. Lam debated against Tufts and B. U. respectively.

James G. Ulmer, Jr., '45, sole Technology representative for Boston University's pan-American day, took second place in the intercollegiate extemporaneous discussion contest which was held there recently.

Ulmer is now scheduled to go to New York City for the regional tournament, and the winner of the National Tournament is to receive a free trip around South America.

The contest was divided into two parts. In the afternoon there were three round tables of about eight men each. Two representatives were selected from each round table for the evening phase of the contest. This consisted of a group of extemporaneous speeches on various phases of pan-American relations. It was here that Ulmer placed second.

Tau Beta Pi

(Continued from Page 1)

Maxwell, George L. Nelson, Raymond R. Richards, Frederick C. Smith, William R. Thurston, Jr., Arthur E. Vershow, and Benjamin F. Wilbour, Jr. all Juniors. These men bring the total membership to thirty Seniors and thirteen Juniors.

Professor Schell was elected to honorary membership because of his demonstration of the qualities for which undergraduate members are chosen. He has been largely responsible for the rapid growth and development of his department and has been outstanding in the field of engineering management. Professor Schell graduated from the Institute in 1912 as a mechanical engineer. He has published numerous articles of an industrial nature and was awarded the Gilbreth Medal in 1938 by the Society for the Advancement of Management for his contributions in that field.

In addition to his academic contributions, Professor Schell is one of the god-fathers of the Nautical Association, being one of the driving forces in the establishment of the Sailing Pavilion and the large fleet of dinghies for which the Institute is famous in collegiate circles. His interest in other student activities has been notable.

Advisory Board Of T.C.A. Meets To Discuss Drive

The annual spring meeting of the T.C.A. Advisory Board was held at 4:00 P.M. last Thursday afternoon in the office of Horace S. Ford, Treasurer of the Institute.

Numerous undertakings of the Technology Christian Association were discussed among which were included the T.C.A. financial drive and letters of solicitation which are sent to the members of the faculty, the sale of Defense Stamps, and the T.C.A. Embassy.

It was decided that the solicitation and the financial drive will be carried out simultaneously in November. It was revealed that by March 25 \$1,001 worth of Defense Stamps have been sold through the various fraternities, dormitories, and commuter organizations.

Lounger

(Continued from Page 2)

One of the better known members of the Electrical Engineering Department brought to light one of the common failings of M.I.T. professors in his lecture the other day. Reading a series of mimeographed notes which he himself had prepared two years ago our professor read something to the effect that, "It obviously follows from this statement that—" There was a pause, a long silence, and then he surprised the class by saying, "I don't see how it follows at all."

Alpha Chi Sigma Elects Fifteen

Fifteen new members of Alpha Chi Sigma honorary chemical society were announced at the last meeting of the organization held on Wednesday, March 25. Those selected, representing the classes of 1943 and 1944, will be initiated later.

They are: James W. Leader, Frank A. Clauson, Albert J. Kelly, Jr., all members of the Class of 1943. Steven H. Brown, Lamar Field, DeLoss Kahl, Jr., R. Brooke Pietsch, James A. Neff, Robert B. Meny, James Woodburn, Jr., Robert V. Thiede, Norman Beecher, George A. Schutte, Arnold Mackintosh, Jr., and Randall Pratt, all members of the Class of 1944.

J. G. Schudel Is Elected President Of Chem. Society

J. George Schudel, Jr., '43, was elected president of the M.I.T. Chemical Society, at a meeting of the Society held Thursday, March 26 in Room 2-390. John J. Sullivan, Jr., '43, was elected Vice-president and David Tilevitch, '43, was chosen secretary. The treasurer is to be David M. Falk, '43, and Alan M. Milman, '43, will be in charge of plant trips. The offices of publicity manager and membership committee chairman went to William

JOIN THE BOYS AT
THE ESPLANADE
23-25 MASS AVE.
GOOD FOOD AND LIQUORS
AT REASONABLE PRICES.

I. F. C. PROVES BIG SUCCESS



Miss Lucille Lacey, Arthur S. Karol, Miss Louise Siskind, and Robert A. Plachta rest between dances at last Friday's I. F. C. Dance.

J. Bright, and Walter C. McCarthy, respectively, both '43.

Dr. William F. Boos, toxicologist for the state of Massachusetts, spoke on the subject of Industrial Poisoning.

BOTTLED LIQUORS

Prompt Delivery
Popular Prices
Personal Service

AT

CENTRAL DISTRIBUTING CO.
480 Mass. Ave., Cor. Brookline St.
TELEPHONE TRO. 1738

Dependable

As
The

Quiz on the morning after
the night before

DUTCH CLEANERS

We'll get your clothes cleaned
and back in five hours—neat job,
too

TRO. 5662 233 MASS. AVE.

More Pleasure for You

There's satisfaction in knowing that the 6½¢ revenue tax you pay on every pack of twenty cigarettes is doing its bit for Uncle Sam

And you'll get complete smoking satisfaction in Chesterfield's famous blend of the world's best cigarette tobaccos. This superior blend is tops in everything you like best in a cigarette. It is definitely Milder, far cooler and lots better-tasting. Try Chesterfields today. See why millions say: "You can't buy a better cigarette."



CAROLYN CASSIDY, Miss American Aviation. From coast to coast our country's air lines are playing a major part in National Defense. From coast to coast Chesterfield gives smokers more pleasure.

MORE ARMS for AMERICA

We Pay More Than
\$2,000,000 A WEEK
into the U. S. Treasury for the Tax Stamps
necessary for one week's output of Chesterfields

Here's what this would buy for defense in one year:

- 13 DESTROYERS
- or
- 416 4-MOTORED FLYING GUN BOATS
- or
- 5,200 ANTI-AIRCRAFT HEIGHT FINDERS

BUY U.S. DEFENSE BONDS AND STAMPS TODAY



WE WILL WIN. We did it before and we'll do it again. Once a smoker has enjoyed Chesterfield's cooler, better taste he smokes them again and again.

ON THE
NATION'S FRONT

It's Chesterfield

Copyright 1942, LIGGETT & MYERS TOBACCO CO.

Hear the
Band of the Year!

WOODY HERMAN
AND HIS ORCHESTRA
(Limited Engagement)

Plus
A SPECTACULAR NEW
ICE SHOW
ON REAL ICE
AT THE HOTEL
NEW YORKER
NEW YORK



WHEREVER YOU FIND A BLUEJACKET YOU'LL FIND CHESTERFIELD. On PT-boat, sub or battle-wagon, they give smokers a lot more pleasure.